

CLAIMS

1. A device for generating a therapeutic photochemical effect to a treatment area, said device including:
 - laser generating means for generating a primary laser beam;
 - multiple beam formation means for forming at least two secondary laser beams from said primary beam for irradiating said treatment area;
 - wherein multiple beam formation means form said secondary beams by constructive and destructive interference.
2. A device as claimed in claim 1, wherein said secondary beams are formed having predetermined spacing between said beams.
3. A device as claimed in claim 1 or 2, wherein said secondary beams are formed having predetermined individual intensities.
4. A device as claimed in any one of claims 1 to 3, wherein said secondary beams are formed having predetermined individual spot sizes and distributions.
5. A device as claimed in any one of claims 1 to 6, wherein said multiple beam formation means includes a diffractive element.
6. A device as claimed in claim 5, wherein said diffractive element is a reflection grating
7. A device as claimed in claim 5, wherein said diffractive element is a transmission grating.
8. A device as claimed in any one of claims 1 to 4, wherein said multiple beam formation means includes a holographic element.

9. A device as claimed in any one of the preceding claims, wherein said therapeutic photochemical effect is generated for the treatment of lymphoedema.
10. A device as claimed in any one of the preceding claims further including a positioning means for positioning said device at a predetermined distance and orientation from said treatment area..
11. A device as claimed in claim 13, wherein said positioning means includes a frame, said frame adjustably attached to said device and when in use provides an abutment surface relative to said treatment area.
12. A multiple beam formation element for inclusion in the device claimed in any one of claims 1 to 11.
13. A method for irradiating a treatment area to generate a therapeutic photochemical effect, said method including the steps of:
 - forming at least two secondary laser beams from a first primary beam by constructive and destructive interference;
 - positioning said secondary beams at a predetermined distance and orientation relative to said treatment area;
 - irradiating said treatment area with said secondary beams for a predetermined time.
14. A method as claimed in claim 13, wherein said therapeutic photochemical effect is generated for the treatment of lymphoedema.
15. A method substantially as herein described with reference to any one of the embodiments of the invention illustrated in the accompanying drawings.
16. A device substantially as herein described with reference to any one of the embodiments of the invention illustrated in the accompanying drawings.